Raw Sequence Listing Error Summary

| ERROR DETECTED | SUGGESTED CORRECTION | SERIAL NUMBER: _10/700,971_ |

1 _____ Wrapped Nucleics
Wrapped Aminos

The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 _____ Invalid Line Length

The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 _____ Misaligned Amino Numbering

The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 _____ Non-ASCII

The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 _____ Variable Length

Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 _____ PatentIn 2.0 "bug"

A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

7 _____ Skipped Sequences (OLD RULES)

Sequence(s) _____ missing If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 _____ Skipped Sequences (NEW RULES)

Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9 _____ Use of n's or Xaa's (NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10 _____ Invalid <213> Response

Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 _____ Use of <220>

Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12 _____ PatentIn 2.0 "bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 _____ Misuse of n/Xaa

"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

IFWO

RAW SEQUENCE LISTING   DATE: 11/17/2003
PATENT APPLICATION: US/10/700,971 TIME: 09:59:22

  Input Set : **A:\ISIC0009-101.txt**
  Output Set: **N:\CRF4\11172003\J700971.raw**

```
 3 <110> APPLICANT: Manoharan, Muthiah
 4        Baker, Brenda
 5        Eldrup, Ann
 6        Bhat, Balkrishen
 7        Griffey, Richard H.
 8        Swayze, Eric E.
 9        Crooke, Stanley T.
12 <120> TITLE OF INVENTION: Conjugated Oligomeric Compounds and Their Use in Gene
13        Modulation
15 <130> FILE REFERENCE: ISIC-0009-101
```

C--> 17 **<140> CURRENT APPLICATION NUMBER: US/10/700,971**
C--> 17 **<141> CURRENT FILING DATE: 2003-11-04**

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17 <150> PRIOR APPLICATION NUMBER: US 10/616,241
18 <151> PRIOR FILING DATE: 2003-07-09
20 <150> PRIOR APPLICATION NUMBER: US 60/423,760
21 <151> PRIOR FILING DATE: 2002-11-05
23 <150> PRIOR APPLICATION NUMBER: US 10/078,949
24 <151> PRIOR FILING DATE: 2002-02-20
26 <150> PRIOR APPLICATION NUMBER: US 09/479,783
27 <151> PRIOR FILING DATE: 2000-01-07
29 <150> PRIOR APPLICATION NUMBER: US 08/870,608
30 <151> PRIOR FILING DATE: 1997-06-06
32 <150> PRIOR APPLICATION NUMBER: US 08/659,440
33 <151> PRIOR FILING DATE: 1996-06-06
36 <160> NUMBER OF SEQ ID NOS: 26
38 <170> SOFTWARE: PatentIn version 3.2
40 <210> SEQ ID NO: 1
41 <211> LENGTH: 16
42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Peptide
48 <400> SEQUENCE: 1
50 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
51 1               5                   10                  15
55 <210> SEQ ID NO: 2
56 <211> LENGTH: 13
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Peptide
63 <400> SEQUENCE: 2
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[handwritten annotations: "pp 1-5", "insufficient explanation. Give source of genetic material. (See item 11 on Error Summary Sheet)"]

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Input Set : A:\ISIC0009-101.txt
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70 <211> LENGTH: 27
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Peptide
77 <400> SEQUENCE: 3
79 Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro Ile Asn Leu
80 1              5                    10                   15
82 Lys Ala Leu Ala Ala Leu Ala Lys Lys Ile Leu
83               20                   25
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87 <211> LENGTH: 34
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence           OK
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Peptide - HSV VP22
94 <400> SEQUENCE: 4
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97 1              5                    10                   15
99 Glu Arg Pro Arg Ala Pro Ala Arg Ser Ala Ser Arg Pro Arg Arg Pro
100              20                   25                   30
102 Val Glu
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106 <211> LENGTH: 18
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Peptide
113 <400> SEQUENCE: 5
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116 1              5                    10                   15
118 Leu Ala
121 <210> SEQ ID NO: 6
122 <211> LENGTH: 27
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Peptide
129 <400> SEQUENCE: 6
131 Gly Ala Leu Phe Leu Gly Trp Leu Gly Ala Ala Gly Ser Thr Met Gly
132 1              5                    10                   15
134 Ala Trp Ser Gln Pro Lys Lys Lys Arg Lys Val
135              20                   25
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139 <211> LENGTH: 16
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
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144 <223> OTHER INFORMATION: Peptide
146 <400> SEQUENCE: 7
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149 1               5               10              15
152 <210> SEQ ID NO: 8
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154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Peptide
160 <400> SEQUENCE: 8
162 Pro Lys Lys Lys Arg Lys Val
163 1               5
166 <210> SEQ ID NO: 9
167 <211> LENGTH: 4
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
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172 <223> OTHER INFORMATION: Peptide
174 <400> SEQUENCE: 9
176 Met Leu Phe Tyr
177 1
180 <210> SEQ ID NO: 10
181 <211> LENGTH: 15
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Peptide - FXR2P
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196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
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204 Ile Met Arg Arg Arg Gly Leu
205 1               5
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210 <212> TYPE: PRT
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Peptide
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218 Leu Gln Leu Pro Pro Leu Glu Arg Leu Thr Leu
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OK'

RAW SEQUENCE LISTING   DATE: 11/17/2003
PATENT APPLICATION: US/10/700,971 TIME: 09:59:22

Input Set : A:\ISIC0009-101.txt
Output Set: N:\CRF4\11172003\J700971.raw

```
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225 <213> ORGANISM: Artificial Sequence
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228 <223> OTHER INFORMATION: Peptide
230 <400> SEQUENCE: 13
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233 1               5               10
236 <210> SEQ ID NO: 14
237 <211> LENGTH: 11
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Peptide
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247 1               5               10
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252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Peptide
258 <400> SEQUENCE: 15
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261 1               5               10
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265 <211> LENGTH: 7
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Peptide
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279 <211> LENGTH: 13
280 <212> TYPE: PRT
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Peptide
286 <400> SEQUENCE: 17
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289 1               5               10
292 <210> SEQ ID NO: 18
293 <211> LENGTH: 4
294 <212> TYPE: PRT
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PATENT APPLICATION: US/10/700,971   TIME: 09:59:22

Input Set : **A:\ISIC0009-101.txt**
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```
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297 <220> FEATURE:
298 <223> OTHER INFORMATION: Peptide
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303 1
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306 <211> LENGTH: 21
307 <212> TYPE: DNA
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: oligonucleotide
313 <400> SEQUENCE: 19
314 cgagaggcgg acgggaccgt t                                         21
317 <210> SEQ ID NO: 20
318 <211> LENGTH: 21
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: oligonucleotide
325 <400> SEQUENCE: 20
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329 <210> SEQ ID NO: 21
330 <211> LENGTH: 21
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: oligonucleotide - cRaf targeter
337 <400> SEQUENCE: 21
338 augcauguca caggcgggat t                                         21
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342 <211> LENGTH: 21
343 <212> TYPE: DNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: oligonucleotide - cRaf targeter
349 <400> SEQUENCE: 22
350 ucccgccugu gacaugcaut t                                         21
353 <210> SEQ ID NO: 23
354 <211> LENGTH: 18
355 <212> TYPE: DNA
356 <213> ORGANISM: Artificial Sequence
358 <220> FEATURE:
359 <223> OTHER INFORMATION: antisense oligonucleotide
361 <400> SEQUENCE: 23
362 tgggagccat agcgaggc                                             18
365 <210> SEQ ID NO: 24
366 <211> LENGTH: 20
367 <212> TYPE: DNA
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Please correct this type of error in subsequent sequences

VERIFICATION SUMMARY   DATE: 11/17/2003
PATENT APPLICATION: US/10/700,971   TIME: 09:59:23

          Input Set : A:\ISIC0009-101.txt
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L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date